



Eco-Friendly Livestock Feeding Strategies in Kibera Slum: Welfare and Outcomes Assessment

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Abstract

Eco-friendly livestock feeding strategies are gaining traction in urban areas as a sustainable approach to animal welfare and agricultural productivity. A comparative study design was employed with data collected through structured interviews, observation logs, and a questionnaire survey among 100 randomly selected farmers practicing traditional and eco-friendly feeding practices over a period of six months. Eco-friendly feeding methods showed an average improvement in animal weight gain by 25% compared to traditional methods, indicating enhanced productivity and welfare. The study underscores the feasibility and benefits of adopting eco-friendly livestock feeding strategies for sustainable agricultural practices. Policy makers should incentivize farmers to adopt eco-friendly feeding methods through subsidies or training programmes.

Keywords: *Socio-Ecology, Livestock Systems, Sustainable Development, Participatory Methods, Animal Welfare Indices*

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